ABSTRACT

The multiplexer (100) includes a first input unit (101) that obtains video data, a second input unit (104) that obtains audio data, a first analysis unit (103) that analyzes video data and obtains video sample header information, a second analysis unit (106) that analyzes audio data and obtains audio sample header information, a packetization part determination unit (107) that determines the packetization part of the audio data in a way that the packetization part is made to be the same or approximately the same as the playback start time of the video sample that is placed in the leading part of the packetization part of the video data after determining the packetization part of the video data based on the video sample header information, a packet header part generation unit (112) that generates the packet header part on the basis of the determined packetization part, a packet data generation unit (113) that generates the packet data unit on the basis of the determined packetization part and a packet connection unit (114) that generates a packet by connecting the generated packet header part to the packet data part.